

service after promotion under
TBOP state

- 3 TBOP & BCR for non-test category
Group D employees

(a) whether the Government propose to
develop non-conventional energy sources in
Kerala, and

- 4 Lateral advancement of JTOs be
longing to SC/ST community on
completion of 8 years of service as
against the normal criteria of 12
years service

(b) if so, the details thereof ?

- 5 Reservation benefits to Buddhists

- (6) Recognition to P & T SC/ST Em
ployees Welfare Association

(c) The P & T SC/ST Employees Wel-
fare Association is not a recognised service
Association. All the same, the demands
projected by the organisation were duly ex-
amined and suitable action was taken as per
rules/policy guidelines laid down by the Gov-
ernment

Development of Non-conventional Energy in Kerala

5107 SHRI T J ANJALOSE Will the
Minister of POWER AND NON CONVEN-
TIONAL ENERGY SOURCES be pleased to

THE MINISTER OF STATE OF THE
MINISTRY OF POWER AND NON-CON-
VENTIONAL ENERGY SOURCES (SHRI
KALP NATH RAI) (a) and (b) Yes, Sir
Various types of non-conventional energy
systems and devices, such as, biogas, Im-
proved Chulha, Solar Thermal Systems,
Solar Photovoltaic Systems, Wind Energy
Systems, Mini Micro Hydel Plants, Bioma-
based energy generation systems etc. are
being developed and disseminated in asso-
ciation with State Government, Implement-
ing Agencies, Voluntary Organisations and
research Institutions in the state of Kerala.
The status of achievements made for var-
ious types of non-conventional energy sys-
tems and devices in the State of Kerala is
given in Statement. During the year 1992-
93, it is tentatively proposed to take up
installation of 2000 nos. of biogas plants and
70,000 nos. of Improved Chulhas besides
many other new and renewable energy sys-
tems and devices based on Solar Energy,
Wind Energy etc.

STATEMENT

Status of Achievements of Non conventional Energy Systems and Devices in the state of Kerala

Sl No	Programme/Systems and Devices	Cumulative achievements upto 31 12 1991
1	Biogas plants	28, 119
2	Improved Chulha	2,51,311
3	Insuaerial solar water heating	28
4	Domestic solar water heater	9

Sl No	Programme/Systems and Devices	Cumulative achievements upto 31 12 1991
5	Solar Air heating system	1
6	Solar Distillation System	10
7	Solar Cookers	149
8	Photovoltaic community lighting/TV systems	11
9	Photovoltaic water Pumping system	6
10	Villages provided with street lights	93
11	Photovolta power plant	1
12	Water pumping windmills	19
13	Wind mapping stations	30
14	Wind monitoring stations	9
15	Wind electric generator	1
16	Biomass gasifiers/sting engines	4

Technology Mission in Telecommunications

5108 SHRI BAPU HARI CHAURE
SHRI MANIKRAO HODLYA
GAVIT

Will the Minister of COMMUNICATIONS be pleased to state

(a) the improvements effected as a result of the launching of technology mission in Telecommunications,

(b) the investment on technology mission so far,

(c) whether there has been results in the working of the telephone system, if so, the

details thereof,

(d) whether the Government have sought the assistance of some foreign technology recently, and

(e) if so, the details thereof?

THE DEPUTY MINISTER IN THE MINISTRY OF COMMUNICATIONS (SHRI P V RANGAYYA NAIDU) (a) Considerable improvements have been effected in important areas, viz quality of service, accessibility of Telecom. facilities both in urban and rural areas, delivery of telegrams and provision of Telex on demand, STD to District Headquarters and national Digital network